

II. CLAIMS

1. (Previously Presented) A method for erasing a notification message in a terminal, which terminal communicates with a network over a radio interface, which method comprises:

storing a specific first information in a specific system outside the terminal, said notification messages having a specific address;

transmitting to the terminal over said radio interface a notification message as a sign of said storing;

storing said notification message in a memory of the terminal,

contacting from the terminal said specific address for gaining access to said first information based on said notification message; and

erasing from the memory of the terminal said notification message in response to a specific procedure relating to said contacting.

2. (Original) A method according to claim 1, wherein said first information to which information said terminal gains access is stored in the specific system outside the terminal, for said terminal.

3. (Original) A method according to claim 1, wherein said first information is a message intended for the terminal, which is stored for the terminal in an electronic format in the specific system outside the terminal.

4. (Previously Presented) A method according to claim 3, wherein said message intended for the terminal is one of the following: voice message; video recording message; multimedia message; fax; and electronic mail message.

5. (Previously Presented) A method according to claim 1, wherein said specific procedure in response to which said notification message is erased, is one of the following: initiation of contacting said specific address; establishment of contact; and disconnecting.

6. (Previously Presented) A method according to claim 1, wherein the method further comprises:

storing in the memory of the terminal said specific address by contacting of which contact is made to said system outside the terminal;

checking in the terminal when contact is made from the terminal, whether the address which is contacted is said specific address, by comparing the address which is contacted to said specific address stored in the terminal; and

if the address which is contacted is said specific address, identifying from among the messages stored in the memory of the terminal the notification messages that originate from said system outside the terminal and erasing the identified notification messages.

7. (Previously Presented) A method according to claim 1, wherein contacting from the terminal said specific address for gaining access to said first information is effected by making a call from the terminal to a specific number; and

erasing the notification message is effected in response to one of the following procedures: making a call to said specific number, said specific system outside the terminal answering the call; and terminating off said call.

8. (Previously Presented) A method according to claim 7, wherein the method further comprises:

storing in the memory of the terminal said specific number by calling of which the call will connect to said system outside the terminal;

checking when making a call from the terminal, whether the number which is called is said specific number by comparing the number which is called to said specific number stored in the terminal; and

if the number which is called is said specific number, identifying from among the messages stored in the

memory of the terminal the notification messages that originate from said system outside the terminal, and erasing the identified notification messages.

9. (Original) A method according to claim 8, wherein there are at least two said specific numbers by calling of which the call will connect to said system outside the terminal.

10. (Original) A method according to claim 8, wherein said identification of notification messages is carried out by comparing the CLI data (Calling Line Identity) of the messages stored in the memory of the terminal to said specific number stored in the terminal.

11. (Previously Presented) A method according to claim 8, wherein the method further comprises:

storing in advance in the memory of the terminal a reference file, which is for its essential parts identical to said notification message stored in the memory of the terminal; and

said identified of notification messages is carried out by comparing the content of the messages stored in the memory of the terminal to the content of said reference message.

12. (Original) A method according to claim 1, wherein said notification message transmitted to and stored in the terminal comprises a message structure and in its message structure, a control bit pattern, which control bit pattern is used for identifying notification messages originating from the system outside the terminal.

13. (Previously Presented) A method according to claim 1, wherein said system outside the terminal is one of the following: voice mail system; video recording message system; multimedia messaging system; fax mailbox service; remote mail service.

14. (Previously Presented) A method according to claim 1, wherein said notification message is one of the following: SMS message; WAP message; and message according a packet switched protocol.

15. (Previously Presented) A method according to claim 1, wherein said terminal is one of the following: telephone of a cellular network; and computer terminal.

16. (Previously Presented) A terminal for communicating with a network over a radio interface, which terminal comprises:

means for receiving a notification message over said radio interface, said notification message having a

specific address, which notification message is a notification of a first information stored in a system outside the terminal and accessible to the terminal via said specific address with which the notification message is associated,

a memory for storing the notification message;

means for contacting the specific address for gaining access to said first information based on said notification message; and

means for erasing said notification message from the memory in response to a specific procedure relating to said contacting.

17. (Previously Presented) A terminal according to claim 16, wherein said memory is located in one of the following: the terminal itself and a separate memory.

18. (Previously Presented) A terminal according to claim 16, wherein said first information is a message intended for the terminal, which is stored for the terminal in an electronic format in the specific system outside the terminal.

19. (Previously Presented) A terminal according to claim 18, wherein said message intended for the terminal is one

of the following: voice message; video recording message; multimedia message; fax; and electronic mail message.

20. (Previously Presented) A terminal according to claim 16, wherein said specific procedure in response to which said notification message is erased, is one of the following: initiation of contacting said specific address; establishment of contact; and disconnecting.

21. (Previously Presented) A terminal according to claim 16, wherein the memory is further configured to store concurrently a plurality of notification messages and respective specific addresses;

and the terminal further comprises:

means for determining when contact to any of said specific addresses is made or is being made;

means for identifying from among the plurality of notification messages stored in the memory any notification messages corresponding to such a specific address for which the contacting is determined; and

the memory is configured to erase any identified notification messages.

22. (Previously Presented) A terminal according to claim 16, further comprising means for making a call from the terminal to a specific number in order to contact said specific address for gaining access to said first information; and

the memory is configured to erase the notification message in response to one of the following procedures: making a call to said specific number, said specific system outside the terminal answering the call; and terminating off said call.

23. (Previously Presented) A terminal according to claim 22, wherein:

the memory is further configured to store said specific number by calling of which the call will connect to said system outside the terminal;

the terminal further comprises means for checking when making a call from the terminal whether the number which is called matches with said specific number by comparing the number which is called to said specific number stored in the terminal; and

means for identifying from among the messages stored in the memory of the terminal the notification messages that originate from said system outside the terminal and erasing the identified notification messages, if the number which is called matches said specific number.

24. (Previously Presented) A terminal according to claim 23, wherein there are at least two of said specific numbers are associated with said system outside the terminal.

25. (Previously Presented) A terminal according to claim 22, wherein:

the memory is further configured to store in advance a reference file that for its essential parts equals to said notification message stored in the memory; and

the means for identifying the notification messages that originate from said system outside the terminal is configured to carry out said identification of notification messages by comparing the content of the messages stored in the memory of the terminal to the content of said reference message.

26. (Previously Presented) A terminal according to claim 16, wherein said notification message comprises a message structure and the message structure comprises, a control bit pattern, which control bit pattern suitable for identifying notification messages originating from the system outside the terminal and wherein the terminal is capable of identifying such notification messages originating from the system outside the terminal based on the control bit pattern.

27. (Previously Presented) A terminal according to claim 16, wherein said system outside the terminal is one of the following: voice mail system; video recording message system; multimedia messaging system; fax mailbox service; and remote mail service system.

28. (Previously Presented) A terminal according to claim 16, wherein said notification message is one of the following: SMS message; WAP message; and a message according a packet switched protocol.

29. (Previously Presented) A terminal according to claim 16, wherein said terminal is one of the following: telephone of a cellular network; and computer terminal.

30. (Previously Presented) A computer program for controlling a terminal having a memory, said terminal capable of communicating with a network over a radio interface, said notification message having a specific address, comprising:

computer executable program code for causing the terminal to receive a notification message over said radio interface, which notification message is a notification of a first information stored in a system outside the terminal and accessible to the terminal via said specific address with which the notification message is associated:

computer executable program code for causing the terminal to store the notification message;

computer executable program code for causing the terminal to contact the specific address for gaining access to said first information based on said notification message; and

computer executable program code for causing the terminal to erase said notification message from the memory in response to a specific procedure relating to said contacting.

31. (Previously Presented) A computer program according to claim 30, further comprising:

computer executable program code for causing the terminal to store concurrently a plurality of notification messages and respective specific addresses;

computer executable program code for causing the terminal to determine when contact to any of said specific addresses is made or is being made;

computer executable program code for causing the terminal to identify from among the plurality of notification messages stored by the terminal any notification message corresponding to such a specific address for which the contacting is determined; and

computer executable program code for causing the terminal to erase any identified notification messages

32. (Previously Presented) A computer program according to claim 30, further comprising:

computer executable program code for causing the terminal to make a call from the terminal to a specific number in order to contact said specific address for gaining access to said first information; and

computer executable program code for causing the terminal to erase the notification message in response to one of the following procedures; making a call to said specific number; said specific system outside the terminal answering the call; and terminating of said call.

33. (Previously Presented) A computer program according to claim 30, further comprising:

computer executable program code for causing the terminal to store in advance a reference file that for its essential parts equals to said notification message stored;

computer executable program code for causing the terminal to compare the content of the messages stored in the memory of the terminal to the content of said reference message in order to identify the notification messages that originate from said system outside the terminal is configured to carry out said identification of notification messages.

34. (Previously Presented) A computer program according to claim 30, wherein said system outside the terminal is one of the following: voice mail system; video recording message system; multimedia messaging system; fax mailbox service; and remote mail service system.

35. (Previously Presented) A computer program according to claim 30, wherein said memory is located in one of the following: the terminal itself and a separate memory.

36. (Previously Presented) A method according to claim 1, wherein:

said first information is a message intended for the terminal, which is stored for the terminal in an electronic format in the specific system outside the terminal;

said message intended for the terminal is one of the following: voice message; video recording message; multimedia message; fax; and electronic mail message; and

said notification message is of a type selected from a group of different types and corresponding to the type of message intended for the terminal.

37. (Previously Presented) A terminal according to claim 16, wherein:

said first information is a message intended for the terminal, which is stored for the terminal in an electronic format in the specific system outside the terminal;

said message intended for the terminal is one of the following: voice message; video recording message; multimedia message; fax; and electronic mail message; and

said notification message is of a type selected from a group of different types and corresponding to the type of message intended for the terminal.

38. (Previously Presented) A computer program according to claim 30, wherein:

said first information is a message intended for the terminal, which is stored for the terminal in an electronic format in the specific system outside the terminal;

said message intended for the terminal is one of the following: voice message; video recording message; multimedia message; fax; and electronic mail message; and

said notification message is of a type selected from a group of different types and corresponding to the type of message intended for the terminal.